

Attorney Docket No. 9835-50223p

Earliest Priority Date Claimed: 08 April 2002 (08.04.02)

International Application No.: PCT/US03/10824

International Filing Date: 07 April 2003 (07.04.03)

Title of Invention: Flattened Helical Tire Cord

Applicants: TOKUSEN U.S.A., INC., et al.

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**IN THE UNITED STATES ELECTED OFFICE (EO/US)**

**INFORMATION DISCLOSURE STATEMENT**

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose.

Some of the documents attached hereto may have markings thereon. No significance is meant to be attached to the markings. These documents are not necessarily analogous art.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the material cited is, or is considered to be, material to patentability or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. A list of the patents and other documents which accompanies this statement is set forth on the attached modification of Forms PTO/SB/08A and 08B. A copy of each of the items on the attached list is supplied herewith.

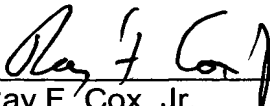
Japanese language reference BC is believed to be relevant in that it describes a steel cord where a sheath of 1 to 4 steel filaments is wrapped around a core of three steel filaments, where the core filaments are configured to be aligned parallel to, and in a side-by-side arrangement with, each other. An English translation of reference BC is included herewith.

Japanese language reference BD is believed to be relevant in that it describes a method of manufacturing a steel cord, wherein a lateral waveform, or a substantially spiral form, is applied to individual core strands, which are drawn parallel with the phases of the form in alignment, and the core strands are wrapped by a wrapping strand at a pitch equal to that of said form, and the steel cord around which the wrapping cord is wrapped is pressed so as to flatten it while applying a vertical waveform of the same pitch as that of said form. An English translation of reference BD is included herewith.

Reference CA is a copy of the international search report mailed 23 October 2003 for international patent application PCT/US03/10824. All of the documents cited in the international search report are separately cited herein.

Respectfully submitted,

Date: 29 September 2004

  
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DT-12 Rec'd PCT/PTO 28 SEP 2004

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PTO/SB/08A (10-96)

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kobayashi, T.
Group Art Unit	
Examiner Name	
Attorney Docket Number	9835-50223p

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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (If known)			
	AA	5,319,915		Kobayashi et al.	06-14-1994	
	AB	5,285,623		Baillievier et al.	02-15-1994	
	AC	4,022,009		van Assendelft	05-10-1977	
	AD	4,399,853		Morimoto et al.	08-23-1983	
	AE	4,718,470		Kusakabe et al.	01-12-1988	
	AF	6,318,432		Caretta et al.	11-20-2001	
	AG	6,260,598		Tanaka	07-17-2001	
	AH	6,244,318		Shoyama	06-12-2001	
	AI	6,148,885		Spragg et al.	11-21-2000	
	AJ	6,089,293		Niderost	07-18-2000	
	AK	5,879,484		Spragg et al.	03-09-1999	
	AL	5,718,783		Ikehara	02-17-1998	
	AM	4,989,658		Maathuis et al.	02-05-1991	
	AN	4,964,451		Schmidt	10-23-1990	
	AO	4,917,744		Knipp et al.	04-17-1990	
	AP	4,869,307		Bormann et al.	09-26-1989	
	AQ	4,231,408		Replin	11-04-1980	
	AR	4,126,720		Edwards	11-21-1978	
	AS	4,098,315		Ferrell et al.	07-04-1978	
	AT	3,934,633		Bula	01-27-1976	
	AU	3,815,652		Pouilloux	06-11-1974	
	AV	3,802,982		Alderfer	04-09-1974	

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language translation is attached.

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Kobayashi, T.

Group Art Unit

Examiner Name

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Sheet

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